SCORE Search Results Details for Application 10573229 and Search Result 20100803_081513_us-10-573-229a-1.rni.

This page gives you Search Results detail for the Application 10573229 and Search Result 20100803_081513_us-10-573-229a-1.rni.

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OM nucleic - nucleic search, using sw model

Run on: August 3, 2010, 10:48:53 ; Search time 1010 Seconds
(without alignments)
7445.638 Million cell updates/sec

Title: US-10-573-229A-1
Perfect score: 920
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Gapop 10.0 , Gapext 1.0

Searched: 13418083 seqs, 4087008042 residues

Total number of hits satisfying chosen parameters: 26836166

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
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SUMMARIES

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	2	309.8	33.7	501	10	US-09-925-065A-602938	Sequence 602938,
	3	149.6	16.3	485	10	US-09-925-065A-425353	Sequence 425353,
	4	122.6	13.3	561	3	US-09-573-080A-108	Sequence 108, App
	5	122.6	13.3	561	5	US-09-854-867-108	Sequence 108, App
	6	121.2	13.2	541	3	US-09-573-080A-107	Sequence 107, App
	7	121.2	13.2	541	5	US-09-854-867-107	Sequence 107, App
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c	9	119.6	13.0	504	11	US-10-301-480C-643499	Sequence 643499,
c	10	109.6	11.9	590	10	US-09-925-065A-73587	Sequence 73587, A
c	11	109.6	11.9	590	10	US-09-925-065A-73588	Sequence 73588, A
c	12	109.6	11.9	590	11	US-10-301-480C-550895	Sequence 550895,
c	13	109.6	11.9	590	11	US-10-301-480C-550896	Sequence 550896,
	14	104.8	11.4	737	7	US-10-105-299-6677	Sequence 6677, Ap
	15	104.8	11.4	797	7	US-10-105-299-234	Sequence 234, App
c	16	104.8	11.4	137000	3	US-10-172-911-11	Sequence 11, Appl
c	17	98.4	10.7	84105	6	US-10-741-601-5637	Sequence 5637, Ap
c	18	98	10.7	55927	3	US-09-949-016-15017	Sequence 15017, A
c	19	97.8	10.6	9245	3	US-09-949-016-13349	Sequence 13349, A
c	20	97.8	10.6	9245	3	US-09-949-016-13350	Sequence 13350, A
	21	93	10.1	948	11	US-10-301-480C-92013	Sequence 92013, A
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	37	85.2	9.3	575	10	US-09-925-065A-333372	Sequence 333372,
	38	85.2	9.3	577	11	US-10-301-480C-783034	Sequence 783034,
	39	85.2	9.3	986	11	US-10-301-480C-163837	Sequence 163837,
	40	85.2	9.3	987	11	US-10-301-480C-950354	Sequence 950354,
	41	85.2	9.3	987	11	US-10-301-480C-950355	Sequence 950355,
	42	84.8	9.2	915	8	US-10-098-754-678	Sequence 678, App
	43	84.2	9.2	997	11	US-10-301-480C-326425	Sequence 326425,
	44	84.2	9.2	55927	3	US-09-949-016-15017	Sequence 15017, A
c	45	84	9.1	601	3	US-09-949-016-178228	Sequence 178228,

ALIGNMENTS

RESULT 1
US-09-925-065A-602935

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; Sequence 602935, Application US/09925065A
; Patent No. H002191
; GENERAL INFORMATION:
;  APPLICANT: Wang, David G.
;  TITLE OF INVENTION: Identification and Mapping of Single
;  TITLE OF INVENTION:  Nucleotide Polymorphisms in the Human Genome
;  FILE REFERENCE: 108827.135
;  CURRENT APPLICATION NUMBER: US/09/925,065A
;  CURRENT FILING DATE:  2001-08-08
;  PRIOR APPLICATION NUMBER: US 60/243,096
;  PRIOR FILING DATE: 2000-10-24
;  PRIOR APPLICATION NUMBER: US 60/252,147
;  PRIOR FILING DATE: 2000-11-20
;  PRIOR APPLICATION NUMBER: US 60/250,092
;  PRIOR FILING DATE: 2000-11-30
;  PRIOR APPLICATION NUMBER: US 60/261,766
;  PRIOR FILING DATE: 2001-01-16
;  PRIOR APPLICATION NUMBER: US 60/289,846
;  PRIOR FILING DATE: 2001-05-09
;  NUMBER OF SEQ ID NOS: 957086
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 602935
;   LENGTH: 650
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-925-065A-602935

  Query Match             35.0%;  Score 322.2;  DB 10;  Length 650;
  Best Local Similarity   95.4%;
  Matches  354;  Conservative    0;  Mismatches   13;  Indels    4;  Gaps    2;

Qy        373 GCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAAC 432
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 GCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAAC 60

Qy        433 TTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTC 492
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 TTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTC 120

Qy        493 TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCCTCCCTG 552
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        121 TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCCTCCCTG 180

Qy        553 CCCCAGGCCCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTA 612
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        181 CCCCAGGCCCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTA 240

Qy        613 ACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGA 672
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        241 ACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGA 300

Qy        673 AGTACCTGCTGGGTTCTGGGGGTTGGGGAAGGAAAATCCCTACTGCCCCAAGAGCCAGCC 732
              ||||||||||||     |  ||| | ||| ||||| ||||||||| ||||||||||||
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Qy        733 CCGAACCCAAG 743
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RESULT 2
US-09-925-065A-602938
; Sequence 602938, Application US/09925065A
; Patent No. H002191
; GENERAL INFORMATION:
;  APPLICANT: Wang, David G.
;  TITLE OF INVENTION: Identification and Mapping of Single
;  TITLE OF INVENTION:  Nucleotide Polymorphisms in the Human Genome
;  FILE REFERENCE: 108827.135
;  CURRENT APPLICATION NUMBER: US/09/925,065A
;  CURRENT FILING DATE:  2001-08-08
;  PRIOR APPLICATION NUMBER: US 60/243,096
;  PRIOR FILING DATE: 2000-10-24
;  PRIOR APPLICATION NUMBER: US 60/252,147
;  PRIOR FILING DATE: 2000-11-20
;  PRIOR APPLICATION NUMBER: US 60/250,092
;  PRIOR FILING DATE: 2000-11-30
;  PRIOR APPLICATION NUMBER: US 60/261,766
;  PRIOR FILING DATE: 2001-01-16
;  PRIOR APPLICATION NUMBER: US 60/289,846
;  PRIOR FILING DATE: 2001-05-09
;  NUMBER OF SEQ ID NOS: 957086
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 602938
;   LENGTH: 501
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-925-065A-602938

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  Matches  343;  Conservative    0;  Mismatches   17;  Indels    3;  Gaps    2;

Qy         381 ACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAACTTTAAGGG 440
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Qy         441 GCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTCTGCAAAAG 500
               |||||||||||||||||||||||||||||||||||| ||||||||||||||||||||
Db          61 GCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAAGTTCTCTGCTTCTGCAAAAG 120

Qy         501 GACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCCTCCCTGCCCCAGGC 560
               |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         121 GACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCCTCCCTGCCCCAGGC 180

Qy         561 CCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTAACCCTGGG 620
               |||||||||||||||||||||||||||||||||||||||||| ||||||||||||||||||
Db         181 CCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATCGAAAGACCTCTAACCCTGGG 240

Qy         621 AGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGAAGTACCTG 680
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Qy         681 CTGGGTTCTGGGGGTTGGGGAAGGAAAATCCCTACTGCCCCAAGAGCCAGCCCCGAACCC 740
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              ||||  |   |||||  ||| ||||| |||||||||| |||||||||||| | ||  |
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Qy        741 AAG 743
              | |
Db        358 AGG 360


RESULT 3
US-09-925-065A-425353
; Sequence 425353, Application US/09925065A
; Patent No. H002191
; GENERAL INFORMATION:
;  APPLICANT: Wang, David G.
;  TITLE OF INVENTION: Identification and Mapping of Single
;  TITLE OF INVENTION:  Nucleotide Polymorphisms in the Human Genome
;  FILE REFERENCE: 108827.135
;  CURRENT APPLICATION NUMBER: US/09/925,065A
;  CURRENT FILING DATE:  2001-08-08
;  PRIOR APPLICATION NUMBER: US 60/243,096
;  PRIOR FILING DATE: 2000-10-24
;  PRIOR APPLICATION NUMBER: US 60/252,147
;  PRIOR FILING DATE: 2000-11-20
;  PRIOR APPLICATION NUMBER: US 60/250,092
;  PRIOR FILING DATE: 2000-11-30
;  PRIOR APPLICATION NUMBER: US 60/261,766
;  PRIOR FILING DATE: 2001-01-16
;  PRIOR APPLICATION NUMBER: US 60/289,846
;  PRIOR FILING DATE: 2001-05-09
;  NUMBER OF SEQ ID NOS: 957086
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 425353
;   LENGTH: 485
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-925-065A-425353

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Qy        532 ACGGGGGTAAAACCCTCCCTGCCCCAGGCCCCAAGCAAGGATTTCCCTAGCGGGGAGGAA 591
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Qy        592 GGTAGAATCGAGAGACCTCTAACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGG 651
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Qy        712 CTACTGCCCCAAGAGCCAGCCCCGAACCCAAG 743
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Db        177 CTACTG-CCCAAGAGCCAGCACAGACACAAGG 207
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RESULT 4
US-09-573-080A-108
; Sequence 108, Application US/09573080A
; Patent No. 6828097
; GENERAL INFORMATION:
;  APPLICANT:  JOAN, KNOLL
;  APPLICANT:  ROGAN, PETER
;  TITLE OF INVENTION:   SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING
SAME
;  FILE REFERENCE:   30307
;  CURRENT APPLICATION NUMBER: US/09/573,080A
;  CURRENT FILING DATE:  2000-05-16
;  NUMBER OF SEQ ID NOS:   479
;  SOFTWARE:   PatentIn version 3.0
; SEQ ID NO 108
;   LENGTH: 561
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: repeat_region
;   LOCATION: (1)..(561)
;   OTHER INFORMATION: mlt1f1
;   NAME/KEY: misc_feature
;   OTHER INFORMATION: n is a, c, g or t
;  PUBLICATION INFORMATION:
;  PUBLICATION INFORMATION:
;   AUTHORS: Jurka, J; Walichiewicz, J; Milosavljevic, A
;   TITLE: Prototypic sequences for human repetitive DNA
;   JOURNAL: Journal of Molecular Evolution
;   VOLUME: 35
;   ISSUE: 4
;   PAGES: 286-291
;   DATE: 1992-10-__
;   DATABASE ACCESSION NUMBER: Database of repetitive elements (repbase)
;   DATABASE ENTRY DATE: ____-__-__
;   DATABASE ENTRY DATE: 1996-01-26
US-09-573-080A-108

  Query Match             13.3%;  Score 122.6;  DB 3;  Length 561;
  Best Local Similarity   69.6%;
  Matches  201;  Conservative    0;  Mismatches   74;  Indels   14;  Gaps    2;

Qy          2 CTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC 61
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Qy         62 ACTTGGTGAGAAACCGATGCCT-CTGCCAACCACCTGCACTAACCTGCTGGGTC------ 114
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Db        261 ATGTGGCAAGGAACTGAGGCCTCCTGCCAACAGCCAGCAAGGAACTGAGGCCTCCTGCCA 320

Qy        115 -------TGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGC 167
                    || || |||||||  |||||||| |||| |  ||| ||||||||||| | ||
Db        321 ACAGCCATGTGAGTGAGCCATCTTGGAAGCAGATCCTCCAGCCCCAGTCAAGCCTTCAGA 380

Qy        168 TGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATC 227
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Db        381 TGACTGCAGCCCCAGCTAACATCTTGACTGCAACCTCATGAGAGACCCTGAGCCAGAACC 440

Qy        228 CCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA 276
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Db        441 ACCCAGCTAAGCTGCTCCTAAATTCCTGACCCACAGAAACTGTGAGAGA 489


RESULT 5
US-09-854-867-108
; Sequence 108, Application US/09854867
; Patent No. 7014997
; GENERAL INFORMATION:
;  APPLICANT: JOAN, KNOLL H
;  APPLICANT:  ROGAN, PETER K
;  TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING
SAME
;  FILE REFERENCE: 30307
;  CURRENT APPLICATION NUMBER: US/09/854,867
;  CURRENT FILING DATE:  2003-05-08
;  NUMBER OF SEQ ID NOS: 613
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 108
;   LENGTH: 561
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: repeat_region
;   LOCATION: (1)..(561)
;   OTHER INFORMATION: mlt1f1
;   FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (62)..(62)
;   OTHER INFORMATION: n is a, c, g or t
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;   NAME/KEY: misc_feature
;   LOCATION: (165)..(165)
;   OTHER INFORMATION: n is a, c, g or t
US-09-854-867-108

  Query Match             13.3%;  Score 122.6;  DB 5;  Length 561;
  Best Local Similarity   69.6%;
  Matches  201;  Conservative    0;  Mismatches   74;  Indels   14;  Gaps    2;

Qy          2 CTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC 61
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Db        201 CTCTGGGGGAAGCCAGCTGCCATGTCATGAGGACACTCAAGCAGCCCTGTGGAGAGGCCC 260

Qy         62 ACTTGGTGAGAAACCGATGCCT-CTGCCAACCACCTGCACTAACCTGCTGGGTC------ 114
              |  |||  || ||| || |||| ||||||||  || |||   | |||  |  ||
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Qy        115 -------TGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGC 167
                    || || |||||||  |||||||| |||| |  ||| |||||||||| | ||
Db        321 ACAGCCATGTGAGTGAGCCATCTTGGAAGCAGATCCTCCAGCCCCAGTCAAGCCTTCAGA 380

Qy        168 TGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATC 227
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Db         381 TGACTGCAGCCCCAGCTAACATCTTGACTGCAACCTCATGAGAGACCCTGAGCCAGAACC 440

Qy         228 CCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA 276
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Db         441 ACCCAGCTAAGCTGCTCCTAAATTCCTGACCCACAGAAACTGTGAGAGA 489


RESULT 6
US-09-573-080A-107
; Sequence 107, Application US/09573080A
; Patent No. 6828097
; GENERAL INFORMATION:
;  APPLICANT:  JOAN, KNOLL
;  APPLICANT:  ROGAN, PETER
;  TITLE OF INVENTION:   SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING
SAME
;  FILE REFERENCE:   30307
;  CURRENT APPLICATION NUMBER: US/09/573,080A
;  CURRENT FILING DATE:  2000-05-16
;  NUMBER OF SEQ ID NOS:   479
;  SOFTWARE:   PatentIn version 3.0
; SEQ ID NO 107
;   LENGTH: 541
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: repeat_region
;   LOCATION: (1)..(541)
;   OTHER INFORMATION: mlt1f
;   NAME/KEY: misc_feature
;   OTHER INFORMATION: n is a, c, g or t
;  PUBLICATION INFORMATION:
;  PUBLICATION INFORMATION:
;   AUTHORS: Jurka, J; Walichiewicz, J; Milosavljevic, A
;   TITLE: Prototypic sequences for human repetitive DNA
;   JOURNAL: Journal of Molecular Evolution
;   VOLUME: 35
;   ISSUE: 4
;   PAGES: 286-291
;   DATE: 1992-10-__
;   DATABASE ACCESSION NUMBER: Database of repetitive elements (repbase)
;   DATABASE ENTRY DATE: ____-__-__
;   DATABASE ENTRY DATE: 1996-01-26
US-09-573-080A-107

  Query Match             13.2%;  Score 121.2;  DB 3;  Length 541;
  Best Local Similarity   68.8%;
  Matches  190;  Conservative    3;  Mismatches   81;  Indels    2;  Gaps    2;

Qy           2 CTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC 61
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Db         197 CTCTGGGGGAAGCCAGCTGCCATGCTATGAAGACACTCAAGCAGCCTA-TGGAGAAGTCC 255

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               || |||  || ||| || | || ||||||||  || ||    ||:|||  |   || ||
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Qy         121 TGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC 180
               |||||||  ||||||||  |||| |  ||| |||||:||||| | || || ||||||||  |
Db         316 TGAGCCATCTTGGAAGCGGATCCTCCAGCCCCAGTYAAGCCTTCAGATGACTGCAGCCCC 375

Qy         181 AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATT 240
                 ||  ||| |  |||||||||||| || | || ||||||||||||   ||  |||||  |
Db         376 GGCTGACATCTTGACTGCAACCTCATGAGAGACCCTGAGCCAGAACTACCCAGCTAAGCT 435

Qy         241 GCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA 276
               |||||| :|||| | |||||||||||| ||||  | |
Db         436 GCTCCTARATTCCTGACCCACAGAAACTGTGAGATA 471


RESULT 7
US-09-854-867-107
; Sequence 107, Application US/09854867
; Patent No. 7014997
; GENERAL INFORMATION:
;  APPLICANT: JOAN, KNOLL H
;  APPLICANT:  ROGAN, PETER K
;  TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING
SAME
;  FILE REFERENCE: 30307
;  CURRENT APPLICATION NUMBER: US/09/854,867
;  CURRENT FILING DATE:  2003-05-08
;  NUMBER OF SEQ ID NOS: 613
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 107
;   LENGTH: 541
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: repeat_region
;   LOCATION: (1)..(541)
;   OTHER INFORMATION: mlt1f
;   FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (179)..(179)
;   OTHER INFORMATION: n is a, c, g or t
US-09-854-867-107

  Query Match             13.2%;  Score 121.2;  DB 5;  Length 541;
  Best Local Similarity   68.8%;
  Matches  190;  Conservative    3;  Mismatches   81;  Indels    2;  Gaps    2;

Qy           2 CTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC 61
               || | | ||      |||||  ||  |||  |   |   ||||||| | |||||| || |
Db         197 CTCTGGGGGAAGCCAGCTGCCATGCTATGAAGACACTCAAGCAGCCTA-TGGAGAAGTCC 255

Qy          62 ACTTGGTGAGAAACCGATGCCT-CTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGAC 120
               || |||  || ||| || | || ||||||||  || ||    ||:|||  |   || ||
Db         256 ACGTGGSAAGGAACTGAGGTCTCCTGCCAACAGCCAGCTTCGACYTGCCAGCCATGTGAG 315

Qy         121 TGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC 180
               |||||||  |||||||| |||| |  ||| |||||:||||| | || || ||||||||  |
Db         316 TGAGCCATCTTGGAAGCGGATCCTCCAGCCCCAGTYAAGCCTTCAGATGACTGCAGCCCC 375
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Qy         181 AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATT 240
                 ||  ||| |  |||||||||||| || | || ||||||||||||   ||  |||||  |
Db         376 GGCTGACATCTTGACTGCAACCTCATGAGAGACCCTGAGCCAGAACTACCCAGCTAAGCT 435

Qy         241 GCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA 276
                |||||| :|||| | |||||||||| ||||  | |
Db         436 GCTCCTARATTCCTGACCCACAGAAACTGTGAGATA 471


RESULT 8
US-09-925-065A-176178/c
; Sequence 176178, Application US/09925065A
; Patent No. H002191
; GENERAL INFORMATION:
;  APPLICANT: Wang, David G.
;  TITLE OF INVENTION: Identification and Mapping of Single
;  TITLE OF INVENTION:  Nucleotide Polymorphisms in the Human Genome
;  FILE REFERENCE: 108827.135
;  CURRENT APPLICATION NUMBER: US/09/925,065A
;  CURRENT FILING DATE:  2001-08-08
;  PRIOR APPLICATION NUMBER: US 60/243,096
;  PRIOR FILING DATE: 2000-10-24
;  PRIOR APPLICATION NUMBER: US 60/252,147
;  PRIOR FILING DATE: 2000-11-20
;  PRIOR APPLICATION NUMBER: US 60/250,092
;  PRIOR FILING DATE: 2000-11-30
;  PRIOR APPLICATION NUMBER: US 60/261,766
;  PRIOR FILING DATE: 2001-01-16
;  PRIOR APPLICATION NUMBER: US 60/289,846
;  PRIOR FILING DATE: 2001-05-09
;  NUMBER OF SEQ ID NOS: 957086
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 176178
;   LENGTH: 493
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-925-065A-176178

  Query Match             13.0%;  Score 119.6;  DB 10;  Length 493;
  Best Local Similarity   66.7%;
  Matches  184;  Conservative    1;  Mismatches   90;  Indels    1;  Gaps    1;

Qy           2 CTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC 61
               || | ||||      ||||||||||||||| |||  |   | ||||||  || |||||| |
Db         419 CTCTGGAGGAAGTCAGCTGCTGTGTCATGAGGGCACTCAAACAGCCCTATGAAGAGGTCC 360

Qy          62 ACTTGGTGAGAAACCGATGCC-TCTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGAC 120
               |  |||| || ||| || | | ||||||||||  || ||| |||| |||  ||| || ||
Db         359 ATGTGGTAAGGAACTGAGGACTTCTGCCAACAGCCAGCAATAACTTGCCAGGTATGTGAA 300

Qy         121 TGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC 180
               || ||||  ||||||||   |  |  | | |||| ||||| ||    |  |||  ||| |
Db         299 TGTGCCATCTTGGAAGCAAGTTCTCCAACTCCAGACAAGCTCTCTAATAACTGTGGCCCC 240

Qy         181 AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATT 240
               |||  ||| |  | |||||||| |  | ||||  ||||||||| | | ||  |:|||
Db         239 AGCTGACATCTTGGCTGCAACCCCACGAGGGAATCTGAGCCAGCACCACCAAGMTAAGCC 180
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Qy        241 GCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA 276
                  |||||  |||| | ||   |||||| ||||| | |
Db        179 ACTCCTAAATTCCTGACTTGCAGAAAATGTGTGAAA 144


RESULT 9
US-10-301-480C-643499/c
; Sequence 643499, Application US/10301480C
; Patent No. H002220
; GENERAL INFORMATION:
;  APPLICANT: Wang, David G.
;  TITLE OF INVENTION: Identification and Mapping of Single
;  TITLE OF INVENTION:  Nucleotide Polymorphisms in the Human Genome
;  FILE REFERENCE: 108827-137
;  CURRENT APPLICATION NUMBER: US/10/301,480C
;  CURRENT FILING DATE:  2002-11-21
;  PRIOR APPLICATION NUMBER: US 10/215,598
;  PRIOR FILING DATE: 2002-08-09
;  PRIOR APPLICATION NUMBER: US 60/311,695
;  PRIOR FILING DATE: 2001-08-10
;  NUMBER OF SEQ ID NOS: 989478
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 643499
;   LENGTH: 504
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-301-480C-643499

  Query Match             13.0%;  Score 119.6;  DB 11;  Length 504;
  Best Local Similarity   66.7%;
  Matches  184;  Conservative    1;  Mismatches   90;  Indels    1;  Gaps    1;

Qy          2 CTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC 61
              || | ||||      |||||||||||||| |||   |    | ||||||  || |||||| |
Db        430 CTCTGGAGGAAGTCAGCTGCTGTGTCATGAGGGCACTCAAACAGCCCTATGAAGAGGTCC 371

Qy         62 ACTTGGTGAGAAACCGATGCC-TCTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGAC 120
              |  |||| || ||| || | | |||||||||  || ||| |||| |||  ||| || ||
Db        370 ATGTGGTAAGGAACTGAGGACTTCTGCCAACAGCCAGCAATAACTTGCCAGGTATGTGAA 311

Qy        121 TGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC 180
              || ||||  ||||||||   |  |  | | |||| ||||| ||    |  |||  ||| |
Db        310 TGTGCCATCTTGGAAGCAAGTTCTCCAACTCCAGACAAGCTCTCTAATAACTGTGGCCCC 251

Qy        181 AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATT 240
              |||  ||| |  | ||||||| |  | ||||  |||||||| | | ||  |:|||
Db        250 AGCTGACATCTTGGCTGCAACCCCACGAGGGAATCTGAGCCAGCACCACCAAGMTAAGCC 191

Qy        241 GCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA 276
                |||||  |||| | ||   |||||| ||||| | |
Db        190 ACTCCTAAATTCCTGACTTGCAGAAAATGTGTGAAA 155


RESULT 10
US-09-925-065A-73587/c
; Sequence 73587, Application US/09925065A
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; Patent No. H002191
; GENERAL INFORMATION:
;  APPLICANT: Wang, David G.
;  TITLE OF INVENTION: Identification and Mapping of Single
;  TITLE OF INVENTION:  Nucleotide Polymorphisms in the Human Genome
;  FILE REFERENCE: 108827.135
;  CURRENT APPLICATION NUMBER: US/09/925,065A
;  CURRENT FILING DATE:  2001-08-08
;  PRIOR APPLICATION NUMBER: US 60/243,096
;  PRIOR FILING DATE: 2000-10-24
;  PRIOR APPLICATION NUMBER: US 60/252,147
;  PRIOR FILING DATE: 2000-11-20
;  PRIOR APPLICATION NUMBER: US 60/250,092
;  PRIOR FILING DATE: 2000-11-30
;  PRIOR APPLICATION NUMBER: US 60/261,766
;  PRIOR FILING DATE: 2001-01-16
;  PRIOR APPLICATION NUMBER: US 60/289,846
;  PRIOR FILING DATE: 2001-05-09
;  NUMBER OF SEQ ID NOS: 957086
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 73587
;   LENGTH: 590
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-925-065A-73587

  Query Match             11.9%;  Score 109.6;  DB 10;  Length 590;
  Best Local Similarity   63.8%;
  Matches  166;  Conservative    0;  Mismatches   94;  Indels    0;  Gaps    0;

Qy         17 GCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACC 76
              ||| |  ||||||| || |     ||||    |  |  ||||       | |     |||
Db        299 GCTTCCATGTCATGAGGATATTCCAGCAATTCTATTAAGAGTCCACATGGCAAGGAACTG 240

Qy         77 GATGCCTCTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAG 136
                  | ||||||||| ||| ||| |||| | |  ||  || |  |||| | |||||||||
Db        239 AGGTCTTCTGCCAACAACCAGCATTAACATTCCAGGCTTGTGGGTGAGTCCCTTTGGAAG 180

Qy        137 CTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACT 196
              | |||| |  ||   ||||||||| | || || |||||| | |||   |   | | ||
Db        179 CAGATCCTCCAGACTCAGTCAAGCCATCAGATGACTGCAGTCCCAGGTGATGCCCAAGCT 120

Qy        197 GCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAA 256
              ||||||||  |   |||||||||||||| | |   ||||| | ||||   | ||| | |
Db        119 GCAACCTCAAGAAAGATCCTGAGCCAGAACCACTCAGCTAAGTAGCTCTCAGGTTCCTGA 60

Qy        257 CCCACAGAAATTGTGTAAGA 276
              || |||| || ||||| |||
Db         59 CCTACAGCAACTGTGTGAGA 40


RESULT 11
US-09-925-065A-73588/c
; Sequence 73588, Application US/09925065A
; Patent No. H002191
; GENERAL INFORMATION:
;  APPLICANT: Wang, David G.
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;  TITLE OF INVENTION: Identification and Mapping of Single
;  TITLE OF INVENTION:  Nucleotide Polymorphisms in the Human Genome
;  FILE REFERENCE: 108827.135
;  CURRENT APPLICATION NUMBER: US/09/925,065A
;  CURRENT FILING DATE:  2001-08-08
;  PRIOR APPLICATION NUMBER: US 60/243,096
;  PRIOR FILING DATE: 2000-10-24
;  PRIOR APPLICATION NUMBER: US 60/252,147
;  PRIOR FILING DATE: 2000-11-20
;  PRIOR APPLICATION NUMBER: US 60/250,092
;  PRIOR FILING DATE: 2000-11-30
;  PRIOR APPLICATION NUMBER: US 60/261,766
;  PRIOR FILING DATE: 2001-01-16
;  PRIOR APPLICATION NUMBER: US 60/289,846
;  PRIOR FILING DATE: 2001-05-09
;  NUMBER OF SEQ ID NOS: 957086
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 73588
;   LENGTH: 590
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-925-065A-73588

  Query Match             11.9%;  Score 109.6;  DB 10;  Length 590;
  Best Local Similarity   63.8%;
  Matches  166;  Conservative    0;  Mismatches   94;  Indels    0;  Gaps    0;

Qy         17 GCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACC 76
              ||| |  ||||||| || |     ||||   |  |  ||||       | |    |||
Db        299 GCTTCCATGTCATGAGGATATTCCAGCAATTCTATTAAGAGTCCACATGGCAAGGAACTG 240

Qy         77 GATGCCTCTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAG 136
                   | ||||||||| ||| ||| |||| | |  ||  || |  |||| | |||||||||
Db        239 AGGTCTTCTGCCAACAACCAGCATTAACATTCCAGGCTTGTGGGTGAGTCCCTTTGGAAG 180

Qy        137 CTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACT 196
              | |||| |  ||   |||||||||| | || || |||||| | |||   |   | |  ||
Db        179 CAGATCCTCCAGACTCAGTCAAGCCATCAGATGACTGCAGTCCCAGGTGATGCCCAAGCT 120

Qy        197 GCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAA 256
              ||||||||  |   |||||||||||||| | |   ||||| | ||||   | ||| | |
Db        119 GCAACCTCAAGAAAGATCCTGAGCCAGAACCACTCAGCTAAGTAGCTCTCAGGTTCCTGA 60

Qy        257 CCCACAGAAATTGTGTAAGA 276
              || |||| || ||||| |||
Db         59 CCTACAGCAACTGTGTGAGA 40


RESULT 12
US-10-301-480C-550895/c
; Sequence 550895, Application US/10301480C
; Patent No. H002220
; GENERAL INFORMATION:
;  APPLICANT: Wang, David G.
;  TITLE OF INVENTION: Identification and Mapping of Single
;  TITLE OF INVENTION:  Nucleotide Polymorphisms in the Human Genome
;  FILE REFERENCE: 108827-137
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;  CURRENT APPLICATION NUMBER: US/10/301,480C
;  CURRENT FILING DATE:  2002-11-21
;  PRIOR APPLICATION NUMBER: US 10/215,598
;  PRIOR FILING DATE: 2002-08-09
;  PRIOR APPLICATION NUMBER: US 60/311,695
;  PRIOR FILING DATE: 2001-08-10
;  NUMBER OF SEQ ID NOS: 989478
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 550895
;   LENGTH: 590
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-301-480C-550895

  Query Match             11.9%;  Score 109.6;  DB 11;  Length 590;
  Best Local Similarity   63.8%;
  Matches  166;  Conservative    0;  Mismatches   94;  Indels    0;  Gaps    0;

Qy          17 GCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACC 76
               ||| |  ||||||| || |     ||||   |  |  ||||       | |    |||
Db         299 GCTTCCATGTCATGAGGATATTCCAGCAATTCTATTAAGAGTCCACATGGCAAGGAACTG 240

Qy          77 GATGCCTCTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAG 136
                 | ||||||||| ||| ||| |||| | |  ||  || |  |||| | |||||||||
Db         239 AGGTCTTCTGCCAACAACCAGCATTAACATTCCAGGCTTGTGGGTGAGTCCCTTTGGAAG 180

Qy         137 CTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACT 196
               | |||| |  ||   |||||||||| | || || |||||| | |||   |   | |  ||
Db         179 CAGATCCTCCAGACTCAGTCAAGCCATCAGATGACTGCAGTCCCAGGTGATGCCCAAGCT 120

Qy         197 GCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAA 256
               ||||||||  |   |||||||||||||||| | |   ||||| | ||||   | ||| | |
Db         119 GCAACCTCAAGAAAGATCCTGAGCCAGAACCACTCAGCTAAGTAGCTCTCAGGTTCCTGA 60

Qy         257 CCCACAGAAATTGTGTAAGA 276
               || |||| || ||||| |||
Db          59 CCTACAGCAACTGTGTGAGA 40


RESULT 13
US-10-301-480C-550896/c
; Sequence 550896, Application US/10301480C
; Patent No. H002220
; GENERAL INFORMATION:
;  APPLICANT: Wang, David G.
;  TITLE OF INVENTION: Identification and Mapping of Single
;  TITLE OF INVENTION:  Nucleotide Polymorphisms in the Human Genome
;  FILE REFERENCE: 108827-137
;  CURRENT APPLICATION NUMBER: US/10/301,480C
;  CURRENT FILING DATE:  2002-11-21
;  PRIOR APPLICATION NUMBER: US 10/215,598
;  PRIOR FILING DATE: 2002-08-09
;  PRIOR APPLICATION NUMBER: US 60/311,695
;  PRIOR FILING DATE: 2001-08-10
;  NUMBER OF SEQ ID NOS: 989478
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 550896
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;   LENGTH: 590
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-301-480C-550896

  Query Match             11.9%;  Score 109.6;  DB 11;  Length 590;
  Best Local Similarity   63.8%;
  Matches  166;  Conservative    0;  Mismatches   94;  Indels    0;  Gaps    0;

Qy         17 GCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACC 76
              ||| |  ||||||| || |     ||||   |  |  ||||      | |    |||
Db        299 GCTTCCATGTCATGAGGATATTCCAGCAATTCTATTAAGAGTCCACATGGCAAGGAACTG 240

Qy         77 GATGCCTCTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAG 136
                | ||||||||| ||| ||| |||| | |  ||  || |  |||| | |||||||||
Db        239 AGGTCTTCTGCCAACAACCAGCATTAACATTCCAGGCTTGTGGGTGAGTCCCTTTGGAAG 180

Qy        137 CTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACT 196
              | |||| |  ||   |||||||||| | || || |||||| | |||   |   | |  ||
Db        179 CAGATCCTCCAGACTCAGTCAAGCCATCAGATGACTGCAGTCCCAGGTGATGCCCAAGCT 120

Qy        197 GCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAA 256
              ||||||||  |   |||||||||||||| | |   ||||| | ||||   | ||| | |
Db        119 GCAACCTCAAGAAAGATCCTGAGCCAGAACCACTCAGCTAAGTAGCTCTCAGGTTCCTGA 60

Qy        257 CCCACAGAAATTGTGTAAGA 276
              || |||| || ||||| |||
Db         59 CCTACAGCAACTGTGTGAGA 40


RESULT 14
US-10-105-299-6677
; Sequence 6677, Application US/10105299
; Patent No. 7368527
; GENERAL INFORMATION:
;  APPLICANT: Rosen, et. al
;  TITLE OF INVENTION: Human Secreted Proteins
;  FILE REFERENCE: PS950
;  CURRENT APPLICATION NUMBER: US/10/105,299
;  CURRENT FILING DATE:  2002-03-26
;  NUMBER OF SEQ ID NOS: 15197
;  Prior Application removed - See File Wrapper or Palm
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6677
;   LENGTH: 737
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-105-299-6677

  Query Match             11.4%;  Score 104.8;  DB 7;  Length 737;
  Best Local Similarity   68.5%;
  Matches  174;  Conservative    0;  Mismatches   77;  Indels    3;  Gaps    2;

Qy         24 TGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCT 83
              | ||||| || | |   ||||  ||  |||||||| | ||| ||||||||||| || ||||
Db        398 TTTCATGAGGATACTCAAGCATTCCTATGGAGAGATCCACATGGTGAGAAACTGAAGCCT 457
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Qy          84 -CTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAGCTGATC 142
               || ||||   || |||| ||| |||  | | || || ||||||| || ||||  | |
Db         458 CCTACCAAGAGCCAGCACCAACTTGCCAGCTATGTGAATGAGCCATCTTAGAAGTGGGTT 517

Qy         143 TTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACC 202
                |  ||| | ||||| ||| | |  || |||||||||  ||  | |    |||| |||||
Db         518 CTCTAGCCCTAGTCAGGCCTTCATATGACTGCAGCCAGGGCTGATATTTTGACTACAACC 577

Qy         203 TCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACA 262
               || || | ||  |||||||| ||   ||| |||||   ||||||  ||||   ||| |||
Db         578 TCATGAGAGA--CTGAGCCACAACAACCTAGCTAAGAAGCTCCTGAATTCCCTACCAACA 635

Qy         263 GAAATTGTGTAAGA 276
               |||| | ||| |||
Db         636 GAAACTATGTGAGA 649


RESULT 15
US-10-105-299-234
; Sequence 234, Application US/10105299
; Patent No. 7368527
; GENERAL INFORMATION:
;  APPLICANT: Rosen, et. al
;  TITLE OF INVENTION: Human Secreted Proteins
;  FILE REFERENCE: PS950
;  CURRENT APPLICATION NUMBER: US/10/105,299
;  CURRENT FILING DATE:  2002-03-26
;  NUMBER OF SEQ ID NOS: 15197
;  Prior Application removed - See File Wrapper or Palm
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 234
;   LENGTH: 797
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-105-299-234

  Query Match             11.4%;  Score 104.8;  DB 7;  Length 797;
  Best Local Similarity   68.5%;
  Matches  174;  Conservative    0;  Mismatches   77;  Indels    3;  Gaps    2;

Qy          24 TGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGCACTTGGTGAGAAACCGATGCCT 83
               | ||||| || | |   ||||  ||  ||||||| | ||| ||||||||||| || ||||
Db         383 TTTCATGAGGATACTCAAGCATTCCTATGGAGAGATCCACATGGTGAGAAACTGAAGCCT 442

Qy          84 -CTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGACTGAGCCACTTTGGAAGCTGATC 142
               || ||||   || |||| ||| |||  | | || || ||||||| || ||||  | |
Db         443 CCTACCAAGAGCCAGCACCAACTTGCCAGCTATGTGAATGAGCCATCTTAGAAGTGGGTT 502

Qy         143 TTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAACAACAAGACTGCAACC 202
                |  ||| | ||||| ||| | |  || |||||||||  ||  | |    |||| |||||
Db         503 CTCTAGCCCTAGTCAGGCCTTCATATGACTGCAGCCAGGGCTGATATTTTGACTACAACC 562

Qy         203 TCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCTTGATTCTTAACCCACA 262
               || || | ||  |||||||| ||   ||| |||||   ||||||  ||||   ||| |||
Db         563 TCATGAGAGA--CTGAGCCACAACAACCTAGCTAAGAAGCTCCTGAATTCCCTACCAACA 620

Qy         263 GAAATTGTGTAAGA 276
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                ||||  |  |||  |||
Db         621 GAAACTATGTGAGA 634


Search completed: August  3, 2010, 11:08:25
Job time : 1172 secs
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